

位数 digit	2	4	6	8	10	12	16	32
长度L mm length	40.3	76.8	113.3	149.8	186.3	222.8	295.8	587.8

变更说明 Change description	更改人 Change person	更改日期 change date	备注 remarks
/	/	/	/
/	/	/	/

制图

李阳强
2026.4

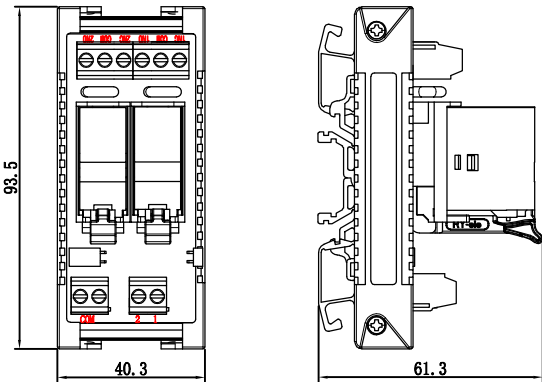
审核

董生国
26.4.

50号
26.4

批准

冯前峰
2026.4

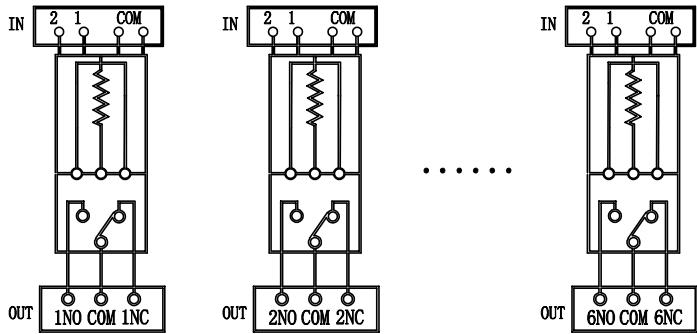


性能参数（继电器） Performance parameters (Relay)	
触点形式 Contact form	1NO/1NC
接触电阻 Contact resistance	≤100mΩ
触点材料 Contact material	Ag Alloy
触点负载 Contact load	12A
最大切换电压 Maximum switching voltage	250VAC/30VDC
最大切换电流 Maximum switching current	12A
最大切换功率 Maximum switching power	3000VA/360W
机械耐久性 Mechanical durability	DC线圈：1000万次以上 AC线圈：1000万次以上 AC coil: over 10 million cycles DC coil: over 10 million cycles
绝缘电阻 Insulation resistance	≥1000MΩ (500VDC)
介电耐压 Dielectric withstand	触点与线圈间 5000VAC 1min 1000VAC 1min 1000VAC 1min between contacts and coil 同极触点间 1000VAC 1min 1000VAC 1min between contacts of the same polarity 异极触点间 3000VAC 1min 500VAC 1min between opposite pole contacts
电器寿命 Electrical lifespan	DC负载：10万次以上 AC负载：10万次以上 DC load: over 10000 cycles AC load: over 10000 cycles
动作时间 Action time	≤15ms
释放时间 Release time	≤10ms
线圈升温 Coil heating w	≤85K

性能参数（模组表2.1） Performance parameters (Module Table 2.1)	
安装方式 Installation method	卡扣导轨安装 Rail pin installation
外观材料 Appearance material	接触片 High precision phosphor copper with tin plating on the surface 底座 PA6 (RoHS), V2级阻燃 端子 PA66 (RoHS), V2级阻燃 底座 PA6 (RoHS), V2级阻燃 边板 PA6+GF30 (RoHS) 连接结构 PA6+PA66 (RoHS)
接线形式 Wiring form	螺钉式接线，使用0.5-1mm²国标线 Screw type wiring, using 0.5-1mm² national standard line
扭力 Torque	0.5N/m
工作环境温度 Ambient temperature	-40℃~+80℃，非真空状态、不结冰情况下 -40℃~+80℃, under non vacuum and non icing conditions
工作相对湿度 Relative environment humidity	35~85%RH
贮存环境温度 Storage environment temperature	包装完好情况下，-40℃~+55℃ Under intact packaging, -40℃ to+55℃
贮存相对湿度 Storage environment humidity	包装完好情况下，45~90%RH When the packaging is intact, 45-90% RH
额定参数 rated parameters	12A 250VAC/30VDC
接触电阻 Contact resistance	≤100mΩ
绝缘电阻 Insulation resistance	≥1000MΩ (500VDC)
抗电强度（工频耐压） Dielectric strength	相邻端子之间：1000VAC, 50Hz, 1min(漏电流1mA) Between adjacent terminals: 1000VAC, 50Hz, 1min (leakage current 1mA)
耐振性 Resistance to vibration	X/Y/Z三向，500Z, 振幅2mm, 10-2000Hz(每2小时测试1次) X/Y/Z three-way, 500Z, amplitude 2mm, 10 hours (observed and record every 2 hours)
耐冲击性 Resistance to shock	各端子能承受冲击力10g，能正常工作 Each part can withstand an impact force of 10g and work normally
低温试验 Low Temperature	-40℃，96h，接触电阻≤200mΩ -40℃, 96 hours, contact resistance ≤ 200mΩ
高温试验 High temperature test	80℃，96h，接触电阻≤200mΩ 80℃, 96 hours, contact resistance ≤ 200mΩ
高低温冲击试验 High and low temperature shock test	-40~+85℃，85%RH, 40min/循环，50个循环，接触电阻≤200mΩ -40~+85℃, 85% RH, 40min/cycle, 50 cycles, contact resistance ≤ 200mΩ
图纸未注一般公差 Not drawing dimension general tolerance	按GB/T 1804-m 标准执行 Follow the GB/T 1804-m standard.

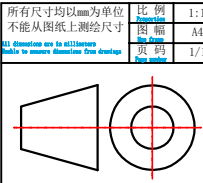
接线方式说明

pick up
line
square
formula
say
bright



RY MD 2 - 1Z 1S - T / AC220

- 1. RY：企业代号
1.RY: Enterprise Code
- 2. MD：继电器模组系列
2.MD: Relay Module Series
- 3. 2：2, 4, 6, 8, 10, 12, 14等...
3. 2, 4, 6, 8, 10, 12, 14 etc...
- 4. 1Z：1组转换
4. 1Z: 1 group conversion
- 5. 1S：RY1S-CL(继电器型号选型，和泉、施耐德、荣越RY-ELE)
5. 1S: RY1S-CL (Relay model selection, Omron, Schneider, Rongyue RY-ELE)
- 6. T：直插式接线
6.T: Through-hole wiring
- 7. AC220：AC220~220VAC
7. AC220: AC220~220VAC



RY-ELE®
浙江荣越电气有限公司
Zhejiang Rongyue Electric Co., Ltd

产品名称 Product Name	继电器模块 relay module
产品型号 Product drawing number	RYMD6-1Z1S-L/AC220